

Figure 1

The Cholesterol, Fatty Acid and Phospholipid Pathways:
Regulation by Sterol Regulatory Element Binding Proteins (SREBPs)

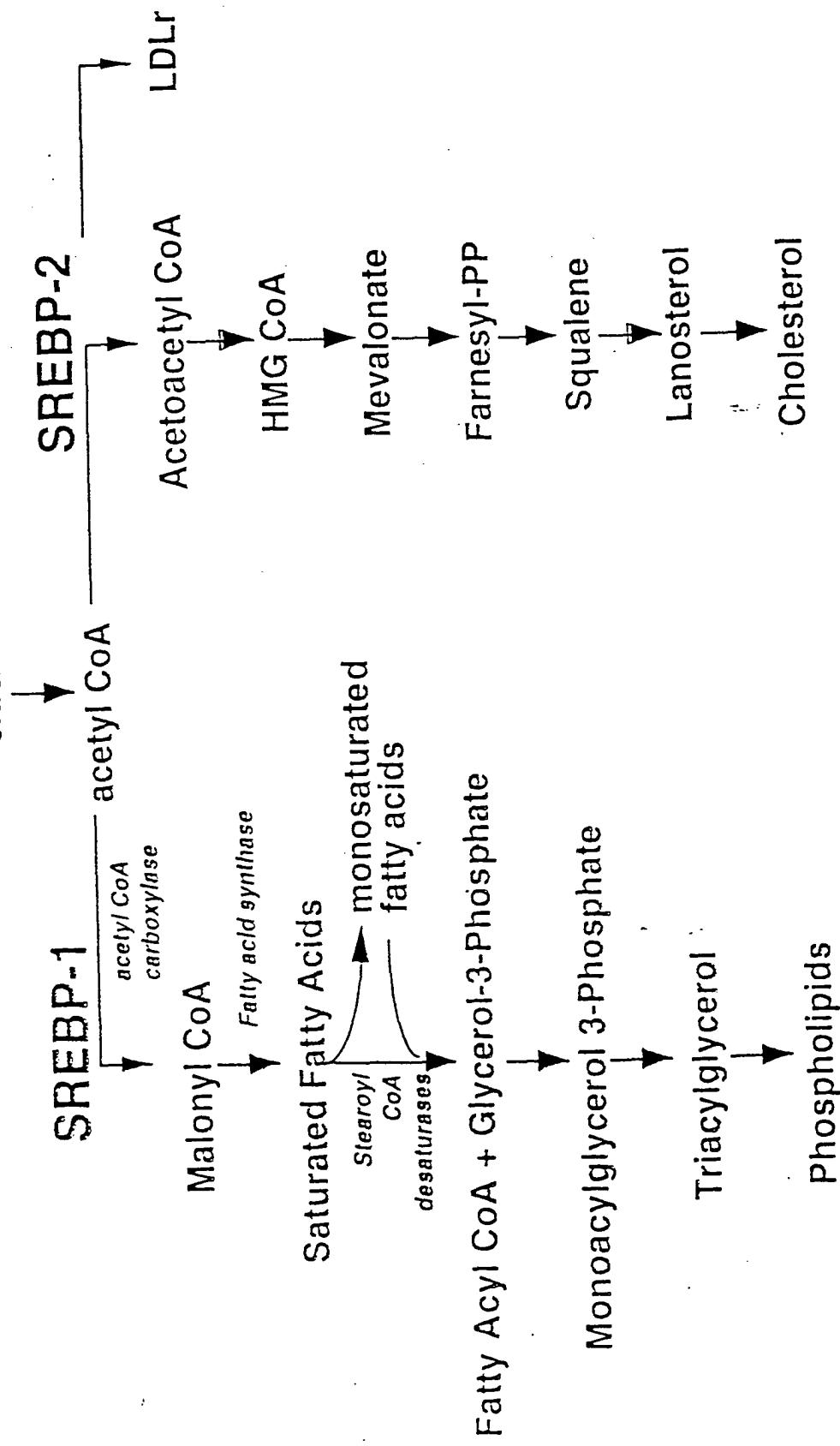


Figure 2

24,25-epoxy cholesterol activate SREBP1 and FAS

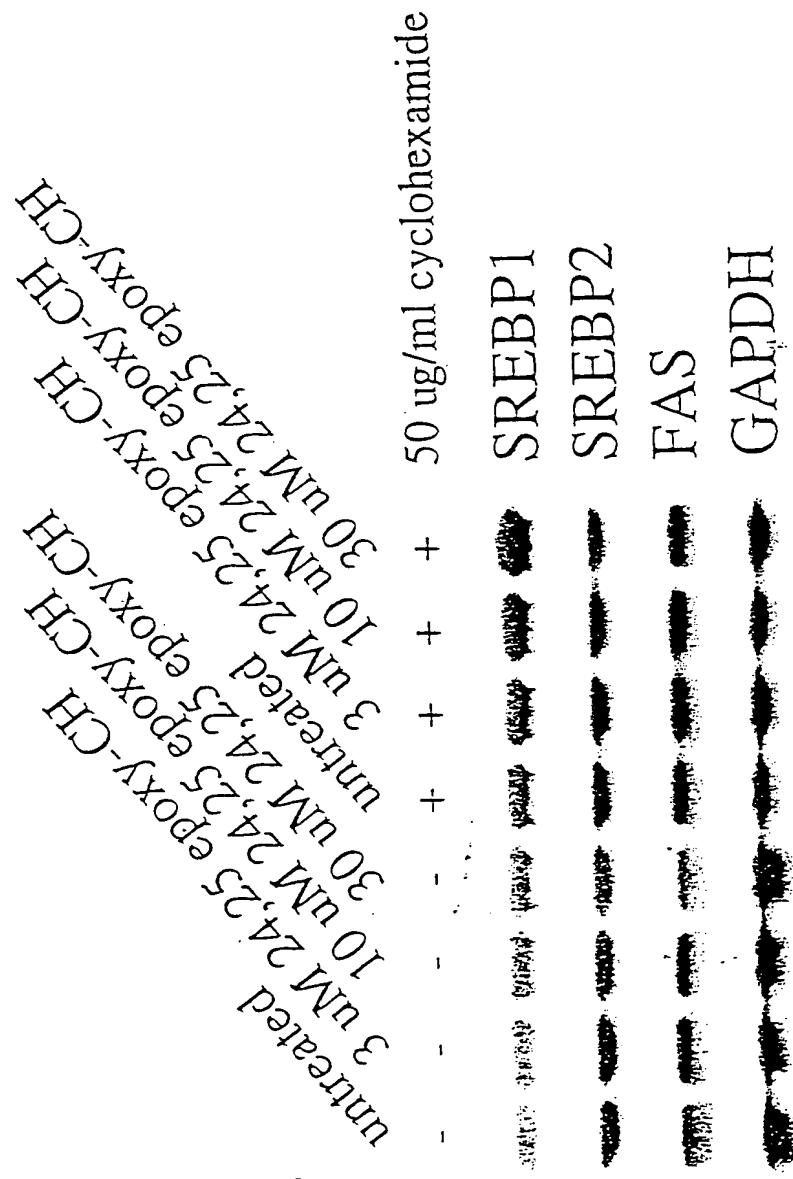


Figure 3

24,25 epoxy-cholesterol activates SREBP1 in different cell lines

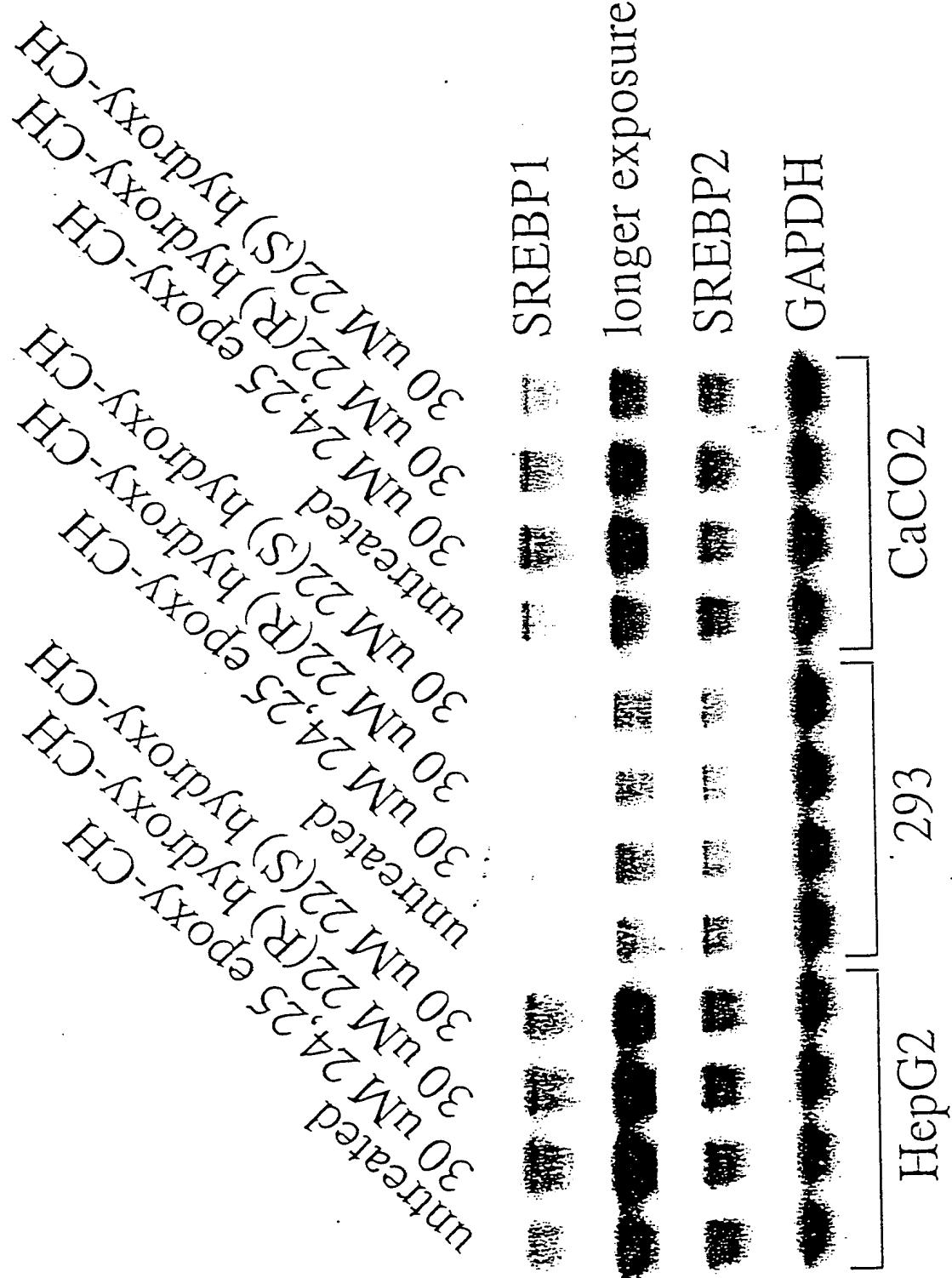
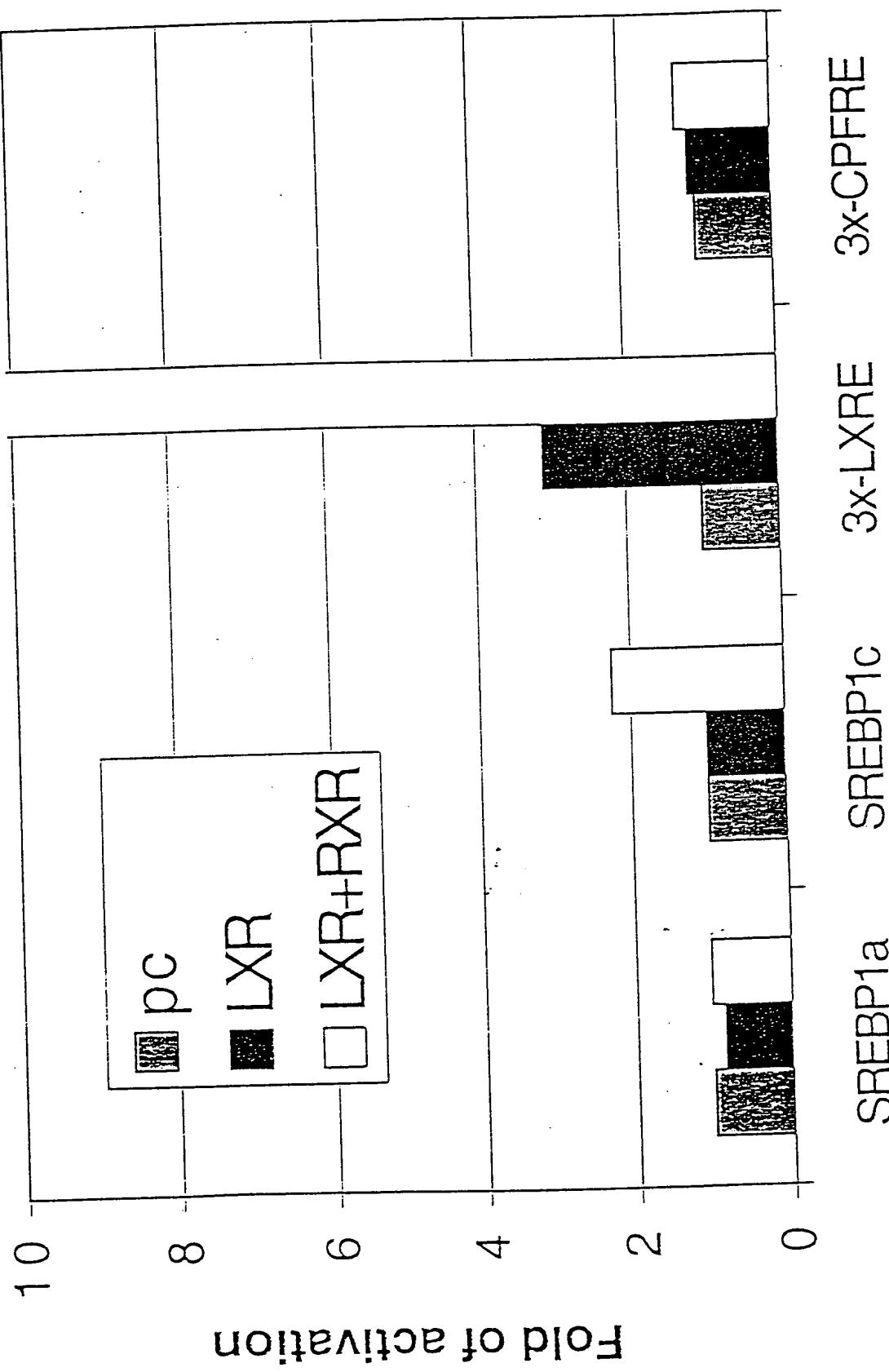


Figure 4

293 transient transfection



LXR sites on SREBP1

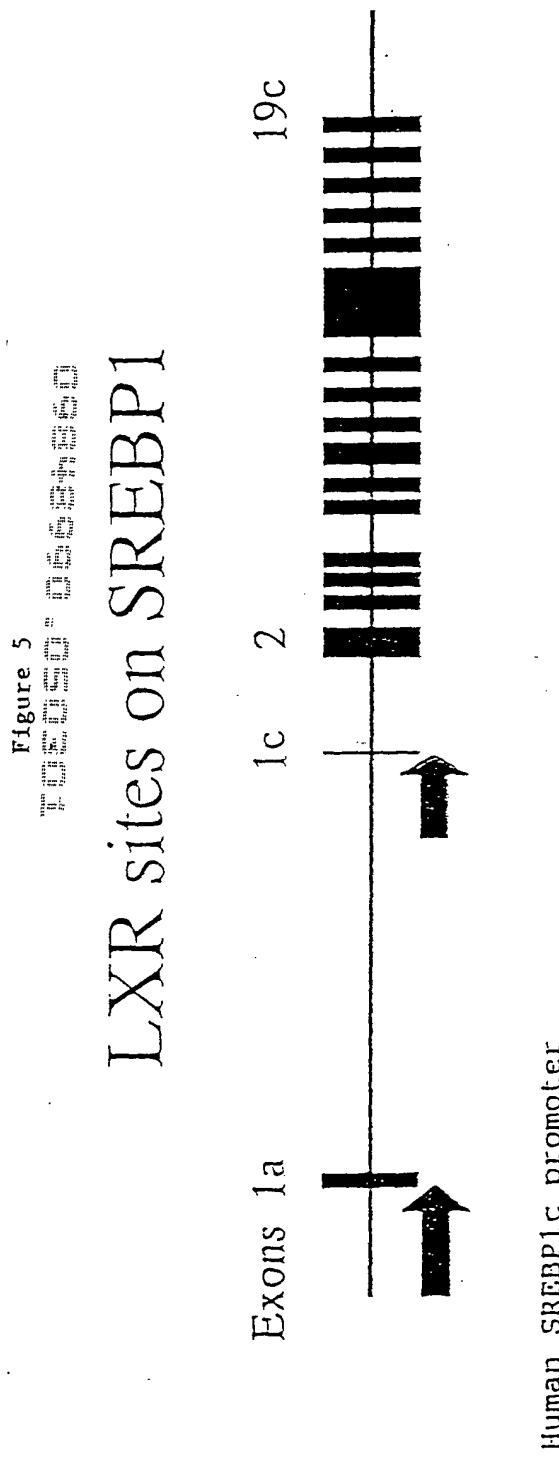


Figure 6

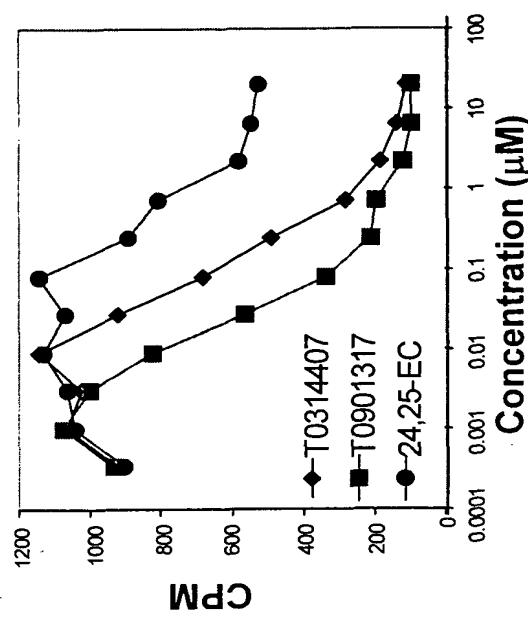
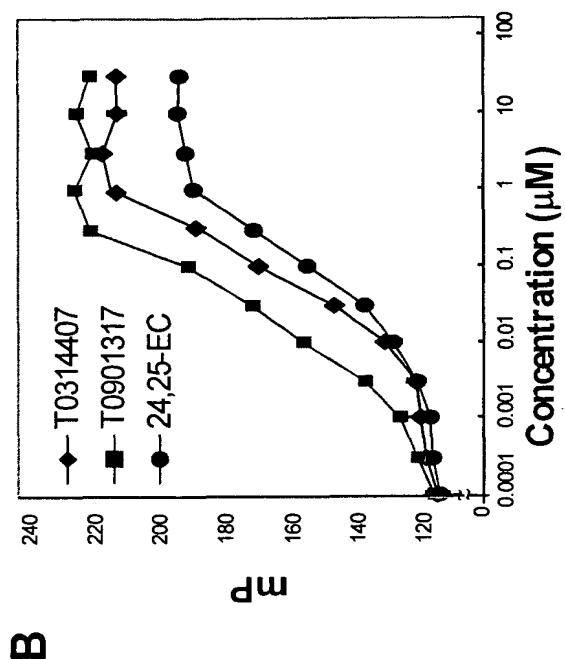
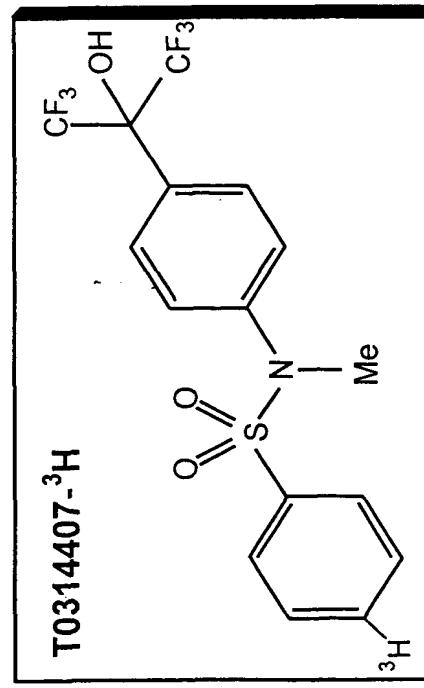
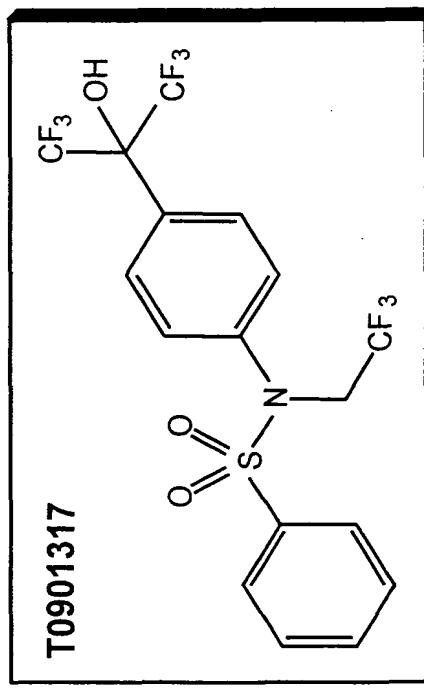
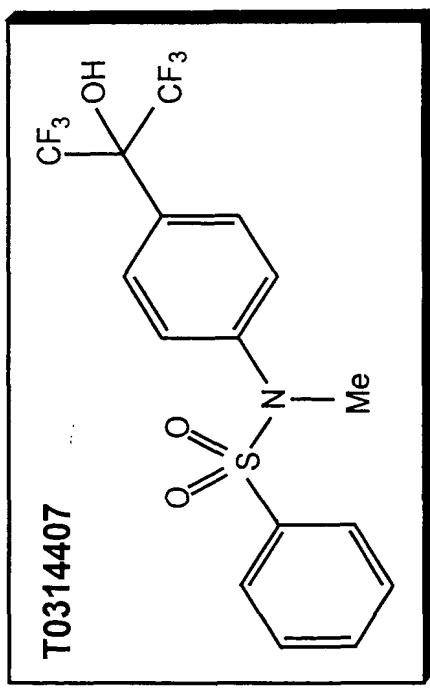


Figure 7

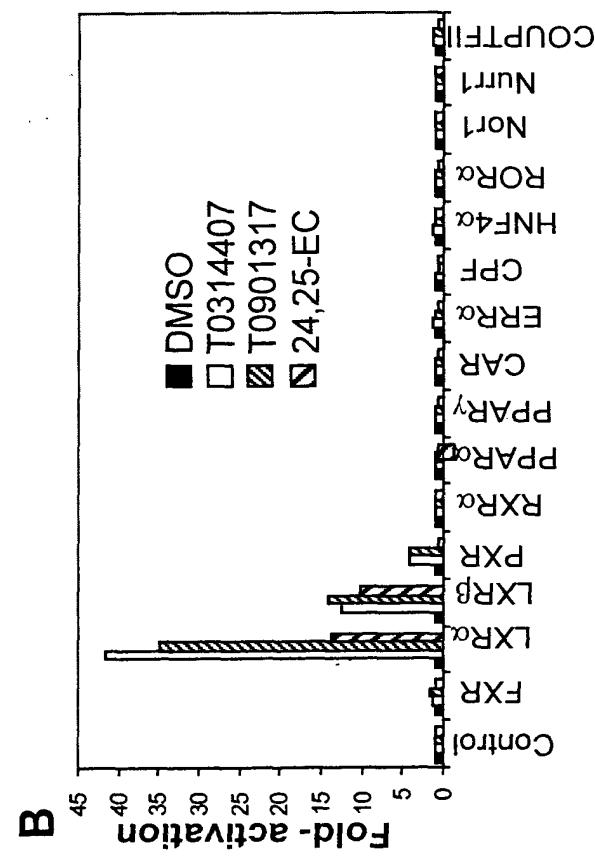
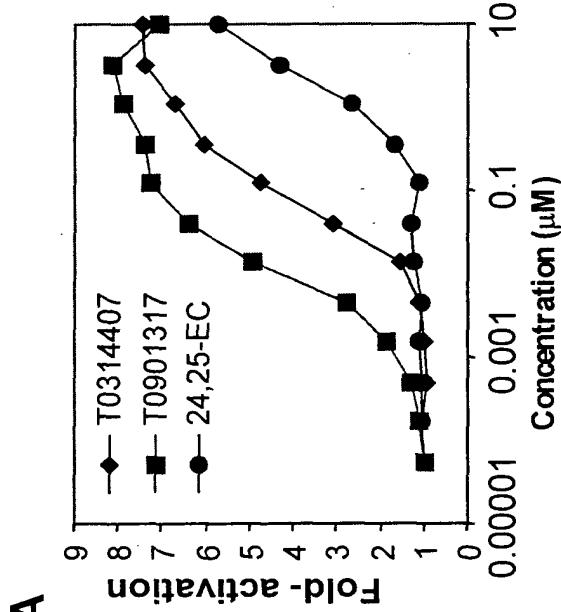
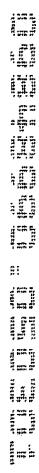


Figure 8

Effect of T0901317 on plasma triglyceride and HDL cholesterol levels in rats.

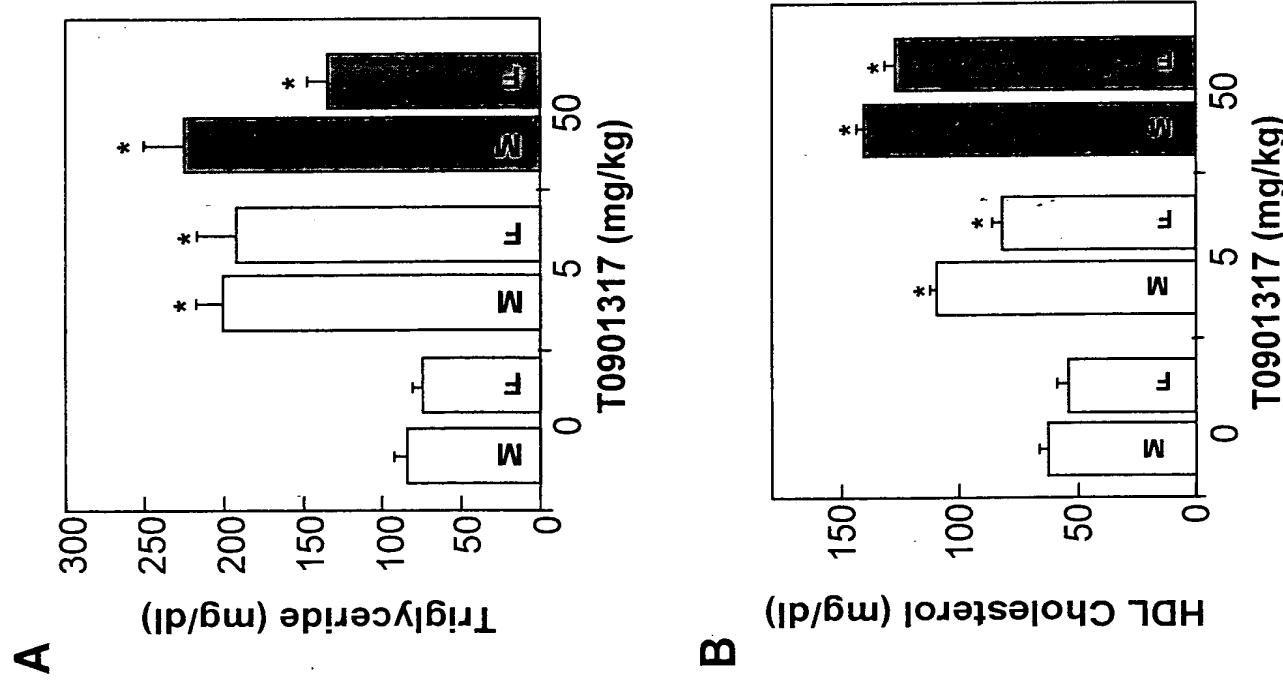


Figure 9
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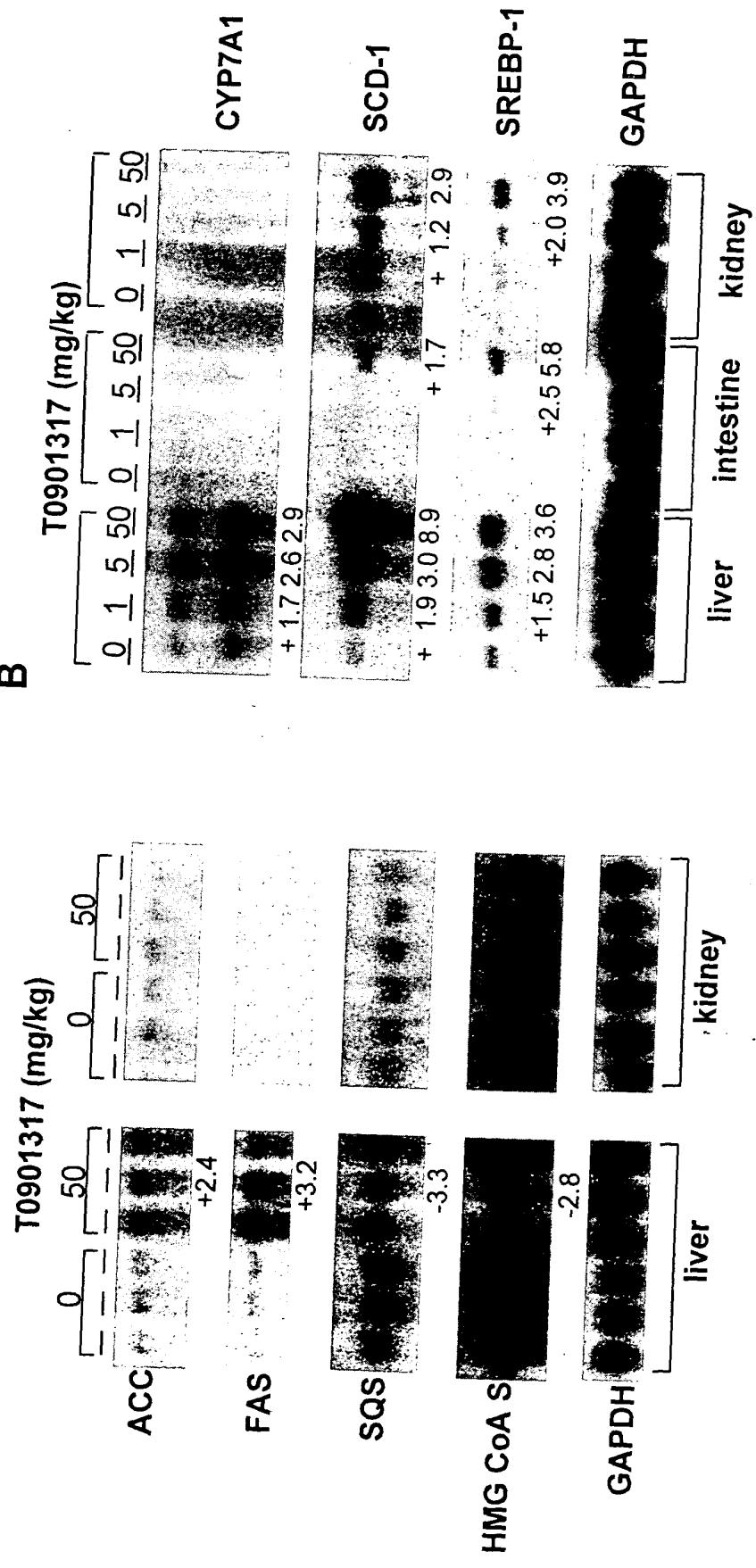


Figure 9
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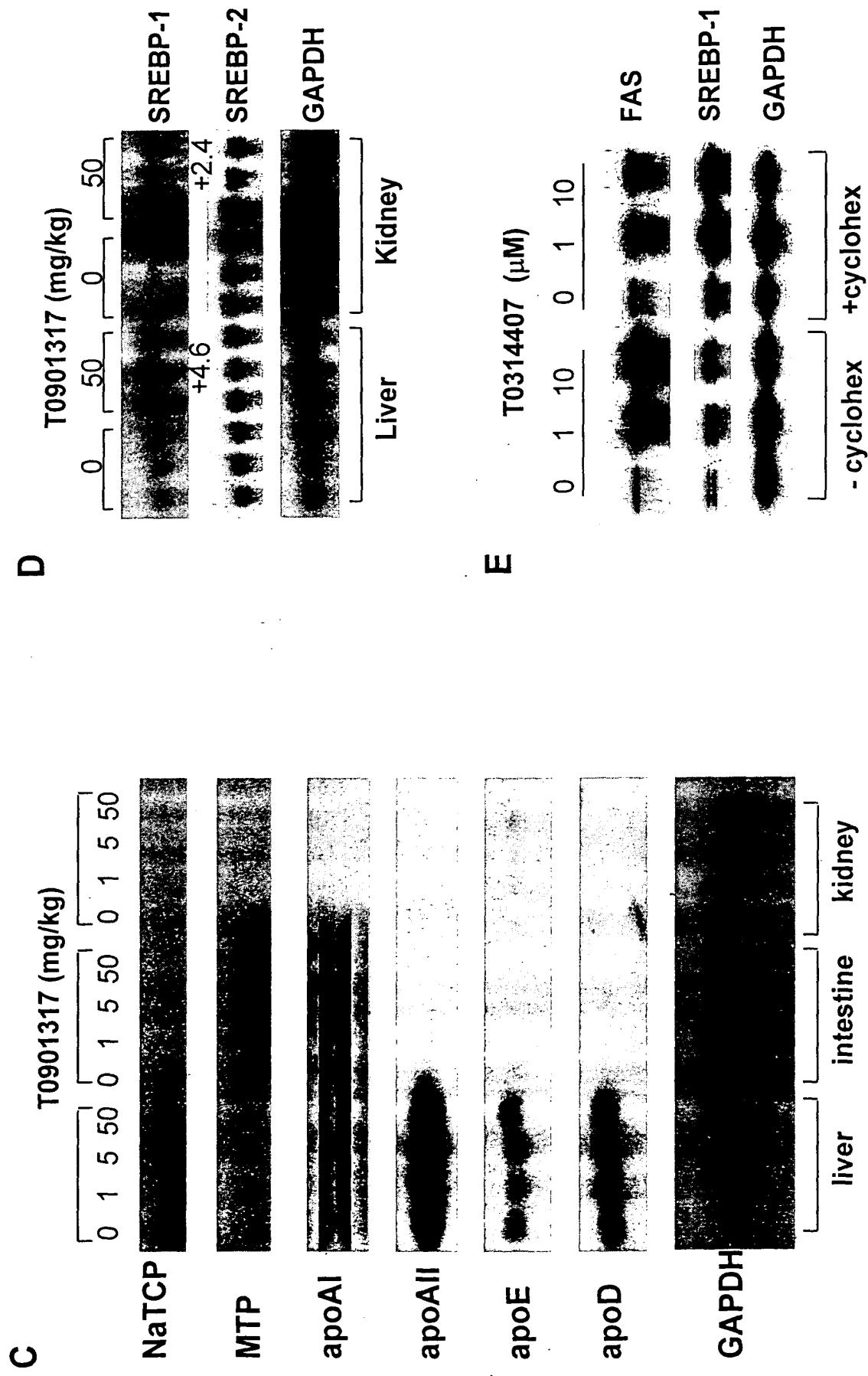


Figure 10

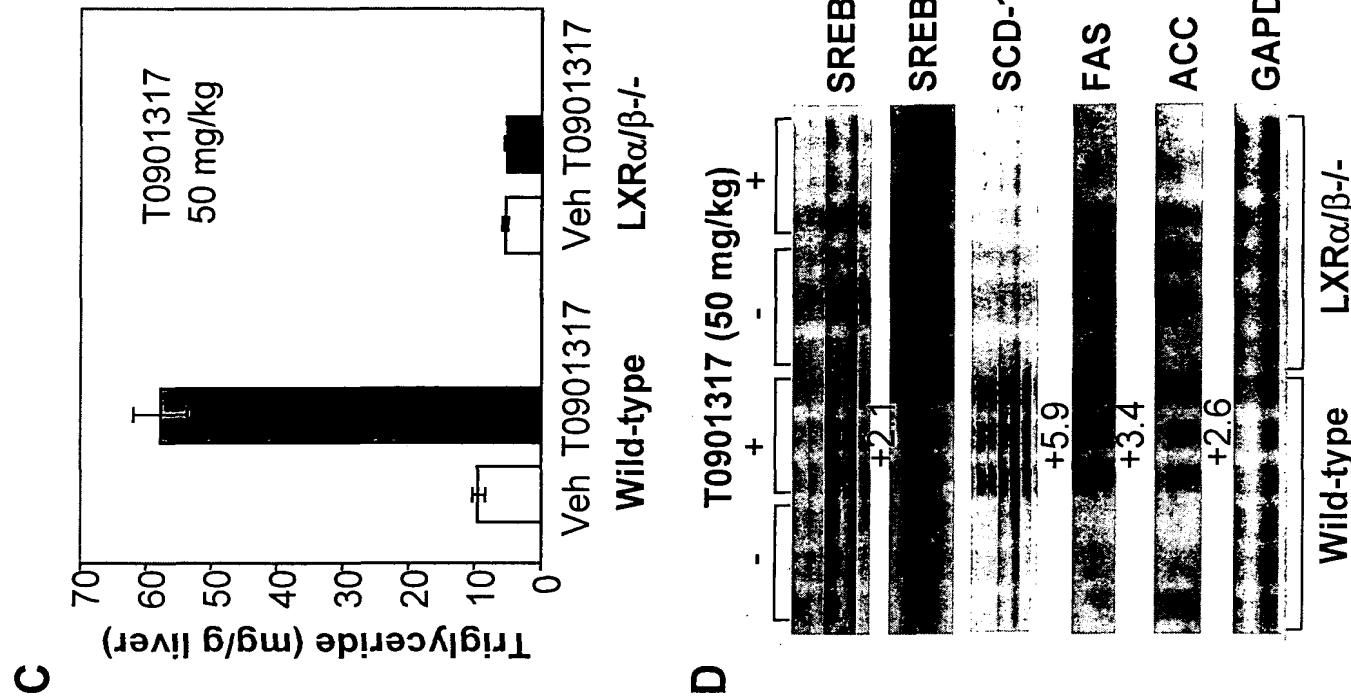
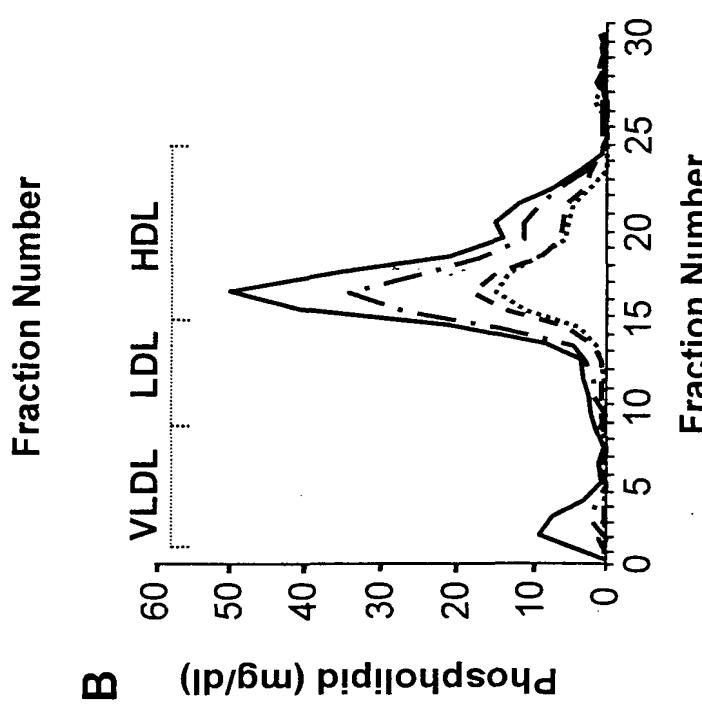
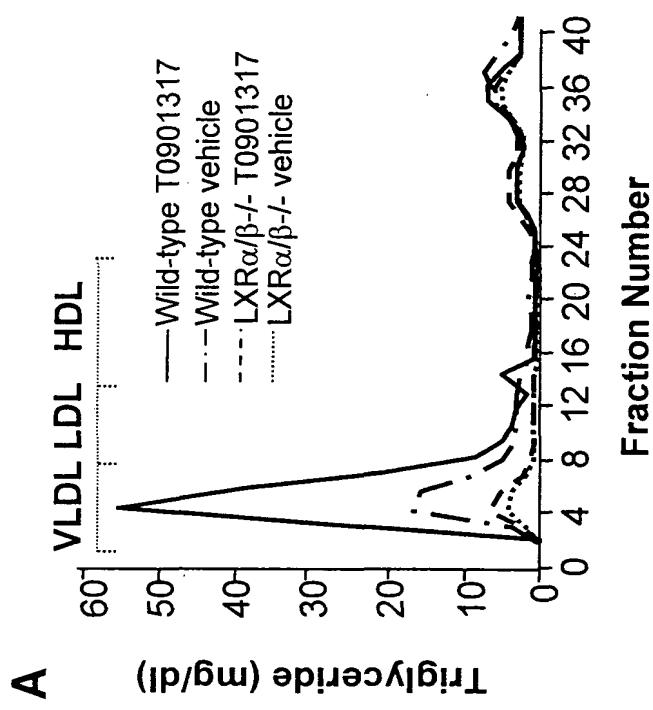


Figure 11

Supplementary Table I. The sequence of PCR primers used for amplifying mouse cDNA probes

cDNA Probe	Primer Set	Primer Sequence	PCR Product Length
acetyl CoA carboxylase	5' TACCTGGAGACAGCAACCA 3' TGGTCGACAGCAAGGGAA		521
fatty acid synthase	5' CCCGATGGGGGTTCATC 3' GATCCCTCTGGGTGTCCC		493
squalene synthase	5' CGTGCAGTGCTTGAATGAAC 3' TTGGGGATCCGGTGTATAAT		288
HMG CoA synthase	5' CCCAGCAGAGGTTTCTACAA 3' ATTCCCTCAGGGGACATGC		1285
SREBP-1	5' TCA ACAACCAAGACAGTGACTTCCCTGGCC 3' GTTCTCCTGCTTGAGCTTCTGGTTGCTGTC		1028
NTCP	5' AGCAAGATCAAGGCTCACTTCT 3' ATAGTGTGGCCTTTGGACTTC		405
MTP	5' TTCTCTGCTTCTCTCCCT 3' GGCTCGTTTCATAGGAGTAGA		403
ApoA-I	5' GGCAGAGACTATGTGTCCCAGTTGA 3' GTCATCCAGCCCCCTGGCTTCTC		564
ApoA-II	5' ATAGTCTGCCATCATGAAGCTG 3' GAGAAAACAGGCAGAAAGGTAGG		406
ApoE	5' CCGTGTGGTGCACATT 3' TTATAAGCAAGGCCACCA		1014